**ER50-15/C TYPE**

Protection rate: IP00  
Insulation class: B (130ºC)  
Cycle duration: 3 minutes  
Standard stroke "s": 15mm  
Temperature rise ∆T vs.: 70ºC  
Work: pull/push  
Incorporated return spring: YES  

<table>
<thead>
<tr>
<th>Duty-cycle ED(%)</th>
<th>100</th>
<th>40</th>
<th>25</th>
<th>15</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Abs. Power at 20ºC (W)</strong></td>
<td>14</td>
<td>35</td>
<td>56</td>
<td>93</td>
<td>280</td>
</tr>
<tr>
<td><strong>Minimum force (N)</strong></td>
<td>6.7</td>
<td>13</td>
<td>16</td>
<td>23</td>
<td>37</td>
</tr>
<tr>
<td><strong>Max time under voltage(s)</strong></td>
<td>∞</td>
<td>60</td>
<td>38</td>
<td>23</td>
<td>8</td>
</tr>
<tr>
<td><strong>Plunger weight (g)</strong></td>
<td>71</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Solenoid weight (g)</strong></td>
<td>365</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Duty-cycle ED(%)**: 100, 40, 25, 15, 5
- **Voltage under demand**: They can be manufactured at any voltage between the maximum and minimum voltage values shown in the chart.
- **To feed in alternating current the solenoid will have a rectifier incorporated in the coil.**
- **The duty cycles described in the chart are standard, they can be manufactured in any intermediate cycle.**
- **If any variation from the original is needed, please ask us.**
- **The terminals can be changed by leads.**
- **Earthing is recommended if the metallic parts are accessible.**

**Reference:**  
ER50-15/C --V ED---%  

**Ordering code:**  
ER50-15/C --V ED---% - Mounting position - Spring  
Example: Standard voltage:24Vdc Duty cycle: ED100%; Mounting position A: With spring: ER50-15/C 24Vdc ED100% A RS  

For fixation and positions (A,B) of the solenoid: see page 10  
Spring yes: RS; Spring no: RN  

**Solenoid under voltage**  
**Force stroke curve**  
Calculation of the effective force: see documents 1 & 10  

**Product with leads:**  
Reference:  
ER50-15/C --V ED---%